| In | d | ex | of | Cla | ims |
|----|---|----|----|-----|-----|
|    |   |    |    |     |     |

Application No.

09/601,384

LUDWIG, LESTER F.

Examiner

Art Unit

Applicant(s)

Daniel R. Sellers

2615

| √ | Rejected |
|---|----------|
| I | Allowed  |

(Through numeral) Cancelled

Restricted

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

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| Cla          | im  | Date           |           |         |          |          |  |          |          |                 |  |
|--------------|---|----------------|-----------|---------|----------|----------|--|----------|----------|-----------------|--|
| Final        | Original  | 3/16/05        | 12/27/05  | 5/25/06 | 1/22/07  |          |  |          |          |                 |  |
|              | 1   | ~~~~~~~~       | 777777777 |         |          |          |  |          |          |                 |  |
|              | 2   | 1              | 1         | 1       | 77       |          |  |          |          | Ц               |  |
|              | 3   | <b>V</b>       | ٧,        | 1       | 1        |          |  |          | _        | _               |  |
|              | 4   | 7              | J.        | 1       | 7        |          |  |          |          | Н               |  |
|              | 5   | J              | J         | J       | J        |          |  |          | $\vdash$ | Н               |  |
| -            | 7   | 1              | Ì         | 7 7 7   | 7 7 7    |          |  |          |          | H               |  |
|              | 8   | 寸              | Ť         | Ī       | Ī        |          | _  | _        |          | H               |  |
|              | 9   | 1              | 1         | 77      | 1        |          |  |          |          |                 |  |
|              | 10  | 1              | 1         | ٧       | 1        |          |  |          |          |                 |  |
|              | 44-   | -              | _         | _       | =        |          |  |          |          | Щ               |  |
|              | 42  |                |           |         | ~        |          | $\vdash$   |          | <u> </u> | Ш               |  |
|              | 1==   |                |           |         |          |          |  |          | <u> </u> |                 |  |
|              | 14  | Ť              |           | П       | <u> </u> | _        | $\vdash$   |          | $\vdash$ | H               |  |
|              | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>44<br>42<br>49<br>14<br>15<br>16<br>17<br>14<br>19<br>20<br>24<br>22<br>24<br>24<br>24 |                |           |         | -        |          | $\vdash$   | _        | $\vdash$ | Н               |  |
| <del> </del> | 17  | _              |           | =       | _        |          | ┝  |          |          | H               |  |
|              | 48  | -              | _         | H       | -        |          |  |          |          |                 |  |
|              | 19  | -              | Н         |         | -        |          |  |          |          |                 |  |
|              | 20-   | $\blacksquare$ |           |         | -        |          |  |          |          |                 |  |
|              | -21-  | -              |           |         | ⊨        |          | <u> </u>   |          |          | Ш               |  |
|              | 22  | -              |           |         | -        |          | _  |          |          | Щ               |  |
| _            | 23  |                |           |         |          |          | $\vdash$   | <u> </u> |          | $\vdash$        |  |
| <u> </u>     | 25  |                |           |         | E        | _        | <u> </u>   | _        | -        | Н               |  |
|              | 26-   |                |           | =       | -        | _        | -  | H        | $\vdash$ | Н               |  |
|              | 26-<br>27-<br>28-   | -              |           | F       | -        |          |  | Н        |          | Н               |  |
|              | 28-   | -              | -         | _       | -        |          |  |          |          |                 |  |
|              | 29 <u>-</u><br>30-  | -              |           |         | -        |          |  |          |          |                 |  |
|              | 30_   | =              |           |         | =        | _        | _  | <u></u>  | <u> </u> | Ш               |  |
|              | 31-<br>32-<br>33-   | -              |           |         | -        | _        | _  | _        | <u> </u> | Н               |  |
|              | 32-   |                |           |         | -        | _        |  | <u> </u> | <u> </u> | $\vdash$        |  |
|              | 34  | -              |           | E       | E        | _        | _  | $\vdash$ | -        | Н               |  |
| <del> </del> | 34-<br>35-  | F              |           | F       | -        | <u> </u> | $\vdash$   | $\vdash$ | $\vdash$ | H               |  |
|              | 36-   | -              | =         |         | -        | _        | <del>                                     </del> | Г        |          | Н               |  |
|              | 37_   | -              | E         |         | _        |          |  |          |          |                 |  |
|              | 38-<br>39-  | -              | _         |         |          |          |  |          |          |                 |  |
|              | 39-   |                |           | E       | =        |          |  |          |          | Ш               |  |
| <u> </u>     | 40-   |                |           |         | -        | _        | <u> </u>   | _        | _        | $\vdash \vdash$ |  |
|              | 42  | Ė              |           |         |          | <u> </u> | <del> </del>                                     | $\vdash$ | -        | $\vdash\vdash$  |  |
|              | 43  | Ë              | Е         | E       |          | <u> </u> | $\vdash$   | ├-       | $\vdash$ | Н               |  |
|              | 44-   |                |           |         |          | $\vdash$ |  | $\vdash$ | $\vdash$ | $\vdash$        |  |
|              | 45-   | -              | F         | Ē       | Ě        | $\vdash$ | -  |          |          | Н               |  |
|              | 46  | -              | E         | F       | -        |          |  |          |          |                 |  |
|              | 47  | -              |           |         | -        |          |  |          |          |                 |  |
|              | 48-   |                | Ē         |         |          | _        |  |          |          |                 |  |
|              | 40-   | =              | Ħ         | ļ -     | -        | <u> </u> | L.   | L        | <u> </u> | Ш               |  |
|              | 50  |                | 1         | 1       | V        |          |  | Щ.       | L        | Ш               |  |

| Cla          | aim  | Date   |  |  |  |          |          |              |   |          |  |
|--------------|--|--|--|--|--|----------|----------|--------------|---|----------|--|
|              |  |  | ξ.   | ·C   |  |          |          |              |   |          |  |
| Final        | Original   |  | 12/27/05   | 5/25/06  | 1/22/07  |          |          |              |   |          |  |
|              | 51   |  | 777777777  | 7          | 777777777777777777777777777777777777777          |          |          |              |   |          |  |
|              | 52   |  | 1  | 1  | 1  |          |          |              |   |          |  |
|              | 53   |  | 1  | 7  | 1  |          |          |              |   |          |  |
|              | 54   |  | 7  | 1  | 1  |          |          |              |   |          |  |
|              | 55   |  | 7  | 1  | 1  |          |          |              |   |          |  |
|              | 56   |  | 7  | 1  | 1  |          |          |              |   |          |  |
|              | 57   |  | V  | V  | 1  |          |          |              |   |          |  |
|              | 58   |  | 1  | V  | 1  |          |          |              |   |          |  |
|              | 59   |  | 1  | <b>V</b>   | 1  |          |          |              |   |          |  |
|              | 60   |  | 1  | 1  | 1  |          |          |              |   |          |  |
|              | 61   |  | <u> </u>   | _  | 1  | Ш        |          |              |   |          |  |
|              | 62   |  | $oxed{oxed}$                                     |  | 1  | Ш        |          |              | Ш   |          |  |
|              | 63   |  |  |  | V  | Ш        |          |              | Ш   |          |  |
|              | 64   | L_   | <u> </u>   |  | Ϋ́   |          | Щ        |              | Ш   | _        |  |
|              | 65   | _  | L  | _  | 1  |          |          |              |   |          |  |
|              | 66   | L.   | L  |  | 1  |          |          |              |   |          |  |
|              | 67   | <u>_</u>   | L.   | _  | _  |          |          |              |   |          |  |
| <u></u>      | 68   | _  |  |  | _  |          |          |              |   |          |  |
| L            | 69   |  |  | _  |  |          |          |              |   |          |  |
|              | 70   |  |  | <u> </u>   | <u> </u>   |          |          |              | L.  |          |  |
|              | 71   |  |  |  |  |          |          |              |   |          |  |
|              | 72   | _  |  |  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              |          |          |              | $ldsymbol{ld}}}}}}$ | _        |  |
|              | 73   | _  |  | <u> </u>   | _  |          |          | _            | _   | <u> </u> |  |
|              | 74   | _  |  |  | _  | _        |          |              |   |          |  |
| •            | 75   | <u> </u>   |  | _  |  |          |          | _            | L   |          |  |
|              | 76   | _  |  | <u> </u>   | <u> </u>   | ╙        |          |              | <u> </u>  |          |  |
| <b>-</b>     | 7/   | _  |  | <u> </u>   | -  | _        |          | _            |   |          |  |
| <u> </u>     | 78   |  | _  | _  | ⊢  | <u> </u> | -        | _            |   |          |  |
|              | 79   | _  | _  | ⊢  | ⊢  | H        |          |              | <u> </u>  | <u> </u> |  |
| <u> </u>     | 80   |  | <u> </u>   | <del> </del>                                     | ⊢  |          | -        |              | _   | <u> </u> |  |
| <u> </u>     | 01   | -  | ⊢  | ⊢  | ⊢  | ├        |          |              |   | _        |  |
|              | 02   | -  | -  | -  | H  |          | -        |              |   | ⊢        |  |
| <u> </u>     | 52<br>53<br>54<br>55<br>56<br>57<br>58<br>59<br>60<br>61<br>62<br>63<br>64<br>65<br>66<br>67<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>88<br>88 | <u> </u>   | ├  | $\vdash$   | ⊢  | $\vdash$ |          |              | <u> </u>  | _        |  |
| _            | 95   | $\vdash$   | ⊢  | <del>                                     </del> | <del>                                     </del> | $\vdash$ | _        |              |   | $\vdash$ |  |
| <b>-</b>     | 86   | $\vdash$   | $\vdash$   | <u> </u>   |  | $\vdash$ | -        | -            | <del>                                     </del>  | $\vdash$ |  |
| -            | 87   | $\vdash$   | ┢  | ├-   | ├-   | ⊢        | $\vdash$ | -            | -   | -        |  |
| $\vdash$     | 88   | $\vdash$   | <del>                                     </del> |  | $\vdash$   | $\vdash$ |          | -            | ├   | $\vdash$ |  |
| $\vdash$     | 80   | -  | -  | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$ | <del> </del> | <del> </del>  | $\vdash$ |  |
| $\vdash$     | 90   |  | $\vdash$   | 1  | $\vdash$   | $\vdash$ | $\vdash$ | -            | -   | $\vdash$ |  |
| <del> </del> | 91   | $\vdash$   | ╁  | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$ |              | $\vdash$  |          |  |
| -            | 92   | <del> </del>                                     | ╁  | ╁  | ┰  | ├        | $\vdash$ | $\vdash$     | <del> </del>  | -        |  |
|              | 93   | H  | $\vdash$   | $\vdash$   | $\vdash$   |          | -        | <del> </del> | <del> </del>  | $\vdash$ |  |
| $\vdash$     | 94   | <del>                                     </del> | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$ | -        | H            | $\vdash$  | -        |  |
| $\vdash$     | 95   | $\vdash$   | Η-   | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$ | -            | ┢   |          |  |
| <u> </u>     | 96   | $\vdash$   | $\vdash$   | <del>                                     </del> | <del>                                     </del> | $\vdash$ | $\vdash$ | $\vdash$     |   | $\vdash$ |  |
|              | 97   | $\vdash$   | -  | <del>                                     </del> | $\vdash$   | $\vdash$ | H        | $\vdash$     |   | i -      |  |
| <del></del>  | 98   | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$     |   | $\vdash$ |  |
| -            | 99   | -  | $\vdash$   | $\vdash$   | Н  | $t^-$    | $\vdash$ | $\vdash$     | <del>                                     </del>  | Н        |  |
|              | 100  | $\vdash$   |  | <u> </u>   | 1  | t        |          | -            | ┢   | Ι-       |  |

| Cla      | Date              |                                     |                                     |   |          |            |              |              |  |                 |
|----------|-------------------|-------------------------------------|-------------------------------------|---|----------|------------|--------------|--------------|--|-----------------|
|          |                   |                                     |                                     |   |          |            |              |              |  | $\neg$          |
| <u>~</u> | Original          |                                     |                                     |   |          |            |              |              |  | - 1             |
| Final    | <u>.</u>          |                                     |                                     |   |          |            |              |              | i  | - 1             |
| ш.       | ō                 |                                     |                                     |   |          |            |              |              |  |                 |
|          |                   | Ш                                   |                                     | _   |          |            | _            |              |  |                 |
|          | 101<br>102        |                                     |                                     |   |          | _          | _            |              |  | _               |
|          | 102               |                                     |                                     | Щ   | _        | _          |              |              |  |                 |
|          | 103               |                                     | Ш                                   |   |          |            |              |              |  | Щ               |
|          | 104               |                                     |                                     |   |          |            |              |              |  |                 |
|          | 105               |                                     |                                     |   |          |            |              | Ĺ            |  |                 |
|          | 106               |                                     |                                     |   |          |            |              |              |  |                 |
|          | 107               |                                     |                                     |   |          |            |              |              |  |                 |
|          | 108               |                                     |                                     |   |          |            |              |              |  | _               |
|          | 109               |                                     |                                     |   |          |            |              |              | _  |                 |
|          | 110               |                                     |                                     |   |          |            |              |              |  |                 |
|          | 111               |                                     |                                     |   |          |            |              |              |  |                 |
|          | 112<br>113        |                                     |                                     |   |          |            |              |              |  |                 |
|          | 113               |                                     |                                     |   |          |            |              |              |  |                 |
|          | 114               |                                     |                                     |   |          |            |              |              |  |                 |
|          | 115               |                                     |                                     |   |          |            |              |              |  |                 |
|          | 116               |                                     |                                     |   |          |            |              |              |  |                 |
|          | 117               |                                     |                                     |   |          |            |              |              |  |                 |
|          | 117<br>118        |                                     |                                     |   |          |            |              |              |  |                 |
|          | 119               |                                     |                                     |   |          |            |              |              |  |                 |
|          | 120<br>121        |                                     |                                     |   |          |            |              |              |  |                 |
|          | 121               |                                     |                                     |   |          |            |              |              |  |                 |
|          | 122               |                                     |                                     |   |          |            |              |              |  |                 |
|          | 123               |                                     |                                     |   |          |            |              |              |  |                 |
|          | 123<br>124        |                                     |                                     | _ :   |          |            |              |              |  |                 |
|          | 125<br>126<br>127 |                                     |                                     |   |          |            |              |              |  |                 |
|          | 126               | Ĺ                                   |                                     |   |          |            |              |              |  |                 |
|          | 127               |                                     |                                     | _   |          |            | _            | L            |  |                 |
|          | 128               | L_                                  | $oxed{oxed}$                        | L   | _        | L          | _            | _            |  |                 |
|          | 128<br>129<br>130 |                                     |                                     | <u>L</u>  | _        |            |              | L_           |  |                 |
|          | 130               | L.                                  | L                                   | _   |          |            |              |              |  | لــــا          |
|          | 131<br>132        | Щ                                   | $oxed{oxed}$                        | <u> </u>  | <u> </u> | L          | _            |              | _  | Ш               |
|          | 132               | Щ                                   | $oxed{oxed}$                        | <u> </u>  | _        | L.         | _            | <u> </u>     | <u> </u>   | Ш               |
|          | 133               |                                     | L                                   | $ldsymbol{ld}}}}}}$ | L        | _          | _            |              | _  | Ш               |
|          | 134               |                                     | L                                   |   |          |            | $oxed{oxed}$ | <u> </u>     | L  | Ш               |
|          | 135               | Щ                                   | <u> </u>                            | L   | <u> </u> | _          |              |              | <u> </u>   | Ш               |
| •        | 136<br>137        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _   | <u> </u> | _          | _            | L_           |  | Ш               |
|          | 137               | Щ                                   | $\vdash$                            | _   | <u> </u> |            |              | <u> </u>     | L  |                 |
|          | 138               | ldash                               | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |   | <u> </u> | 1          | <u> </u>     | <u> </u>     | L_   | Ш               |
|          | 139<br>140        | <u> </u>                            | <u> </u>                            | <u> </u>  | <u> </u> | _          | <u> </u>     | <u> </u>     | <u> </u>   | Щ               |
|          | 140               | _                                   | Ŀ                                   | <u> </u>  | <u> </u> | <b>↓</b> _ | <b>L</b>     | <u> </u>     | <u> </u>   | Щ               |
|          | 141               | _                                   | <u> </u>                            | <u> </u>  | <u> </u> | <b>├</b>   | <u> </u>     | <u> </u>     | <u> </u>   | Щ               |
|          | 142               | <del> </del>                        | ├-                                  | <u> </u>  | $\vdash$ | ⊢          | <u> </u>     | ├-           | ├  | ⊢               |
|          | 143               | <u> </u>                            | ऻ_                                  |   |          | ├-         | ├—           |              | ├  | $\vdash \vdash$ |
|          | 144               | -                                   | <u> </u>                            | ├   | -        | -          | -            | <del> </del> | <u> </u>   | Н               |
|          | 145               | <b> </b>                            | -                                   | <u> </u>  | <u> </u> | ₩          | <b> </b>     | <del> </del> | <u> </u>   | Щ               |
|          | 146               | <u> </u>                            | <del> </del>                        | <del> </del>  | ├-       | ├—         | <u> </u>     | ├-           | ⊢  | Н               |
|          | 147               | <u> </u>                            | <del> </del>                        | <u> </u>  | <u> </u> | <u> </u>   | <b>—</b>     | <u> </u>     | <del>                                     </del> | Н               |
|          | 148               | $\vdash$                            | ├—                                  | $\vdash$  | $\vdash$ | -          | ├            | ├            | ├—   | $\vdash \vdash$ |
|          | 149               | $\vdash$                            |                                     | -   | ├-       | ⊢          | ├-           | ├-           | ├  | $\vdash$        |
| L——      | 150               | <u> —</u>                           | <u> </u>                            | Ц   | <u> </u> | Ц          | L            |              |  | Ш               |
|          |                   |                                     |                                     |   |          |            |              |              |  |                 |